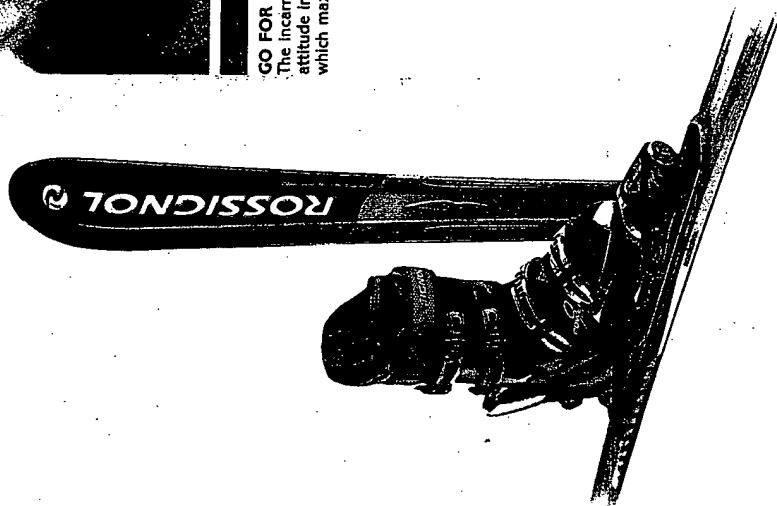




### GO FOR IT!

The incarnation of the Golden Spirit attitude in two racing thoroughbreds which maximise stability at high speeds.



POWERPULSION 95	POWERPULSION 9X
110-135-98	103-135-93
19.5 (164)	21.8 (188)
1960 (164)	2180 (188)

### POWERPULSION 9X

The ultimate giant slalom ski. 100% racing, stable, high-gripping and easy to control.

- AXIAL TECHNOLOGY
- POWERPULSION
- DUALTEC
- DUAL VAS
- ROUND TIP
- ABSORBER INDEX: 100



POWER 140



POWER PULSION

### POWERPULSION 95

The big innovation - shaped for slalom, aggressive but easy, with high energy and rebound.

- AXIAL TECHNOLOGY
- POWERPULSION
- DUALTEC 2
- ACTVATOR
- DUAL VAS
- ROUND TIP
- ABSORBER INDEX: 100



POWER 140



POWER PULSION

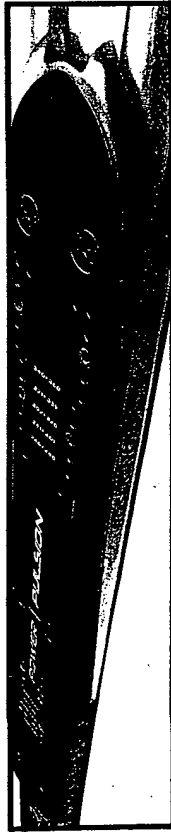
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# INTERFACES

## POWER PULSION

The "must" technology for short skis, Powerpulsion systems have been developed for several models in the range. The Powerpulsion system is made up of aluminium or composite interfaces, combined with absorbers of different hardnesses, for different uses. These interfaces are pre-drilled for AXIAL technology bindings.



### RACE BT VIPER STX

This aluminium interface contributes precision, performance and stability.

### VIPER ST

This composite interface works in the same way as the aluminium interface, but is 30% lighter. The ski is comfortable, forgiving and easy to control.

## ONXIE TEEGER TWIN DECK

This new Rossignol patented interface comprises two totally independent parts.



Pre-drilled, it is designed to work with Axial and Axium technology bindings.

- Its original geometry respects natural transversal and longitudinal ski flex.
- Its two-part design makes it 25% lighter than conventional add-on interfaces.



- Pressures are exerted independently on each edge to optimise feel in carving.

## ABSORBER

Powerpulsion and Twin Deck plates feature a visco-elastic "absorber". These materials have different hardnesses, to which correspond performance indices.

- Examples:
- Index 100: for RACING skis needing maximum responsiveness, 100% performance.
  - Index 90: for VIPER skis, 90% performance, but also comfort and forgiveness.
  - Index 70: for skis with Twin Deck interfaces, 70% performance but great comfort.



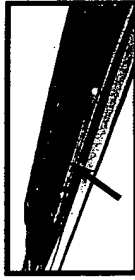
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# TECHNOLOGY

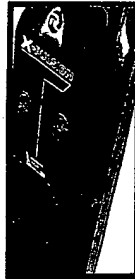


The X-PULSION System on RPM skis absorbs shocks and transmits power. It helps with steering so skiers can concentrate on turns and speed.

This system is a plate built into the V FLEX structure of RPM skis. The interface, pre-drilled for AXIAL technology bindings, is made from light composite materials. A shock absorber filters the vibrations and improves comfort.



Visco-elastic material behind the interface energy absorption and restitution in shocks.



Built into the structure Transfers energy directly to the edges  
 ▶ more powerful grip  
 ▶ carving control



Floating assembly on the V FLEX ski. AXIAL technology high vertical elasticity to absorb shocks.



### INTEGRAL DUALTEC

Continuous, variable height sidewalls running the whole length of the ski. The sidewall is under the boots. Microcell power transmission for expert skiers. The cap is at the ski's base.  
 ▶ easier skiing and comfort.  
 ▶ precision control in turns  
 ▶ performance  
 ▶ grip.



### CENTRAL DUALTEC

Combined caps and sidewalls. The sidewall is under the boots. The cap is at the ski's base.  
 ▶ easier skiing and comfort.  
 ▶ precision control in turns  
 ▶ performance  
 ▶ grip.



### SUSPENSION PLATEFORM

Raised and built into ski structure under the bindings. It acts as a suspension system making skis: ▶ more manoeuvrable and more forgiving.  
 ▶ more dynamic and livelier.



### V FLEX

Twist resist technology. A V shape towards the tip. Wide in front for good resistance to twisting. Narrow at the back for more forgiveness, comfort and easy turn exits.



### DUAL VAS

Built into the front end, the ski dampens vibrations directly at their source for:  
 ▶ more precise control  
 ▶ more stability in turns  
 ▶ more comfortable contact between the ski and the snow



### IN FRONT: DUAL VAS

DUAL VAS + one central VAS  
 ▶ control precision and return stability on trail.



### FREE VAS: DEVELOPED FOR FREERIDE

AT THE BACK: one central VAS  
 ▶ better contact between the ski and the snow and more comfortable landings.



SCRATCH are new skis derived from snowboards, using the main snowboard technologies:



### THC

Snowboard accessibility applied to skis. Microcell to damp vibrations and for more comfort and stability. Microcell for more bedness, lightness and pop.



### 30° inclined sidewalls

Less swingweight and weight  
 ▶ easier pivoting and skidding  
 ▶ faster edge changes.

### Rolling Chair effect

**T2 CONCEPT**  
 This is the lift at the tail expressed in millimetres. 20 mm < T2 Concept < 30 mm control, facilitated skidding, feeling of freedom coming out of turns.  
 T2 Concept > 30 mm for acrobatics and "false" landings.

**ROUND TIPS**  
 These new round tips are designed for high land out. They reduce front end swingweight, making skiing easier.

## CONCEPT

So that short skis stay stable and perform well at high speeds, you have to maximise the contact area between the skis and the snow.

# GOLDEN SPIRIT

## TECHNOLOGY

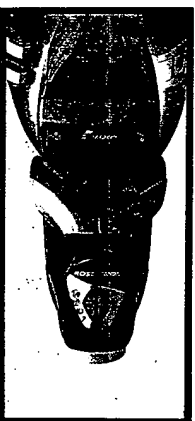
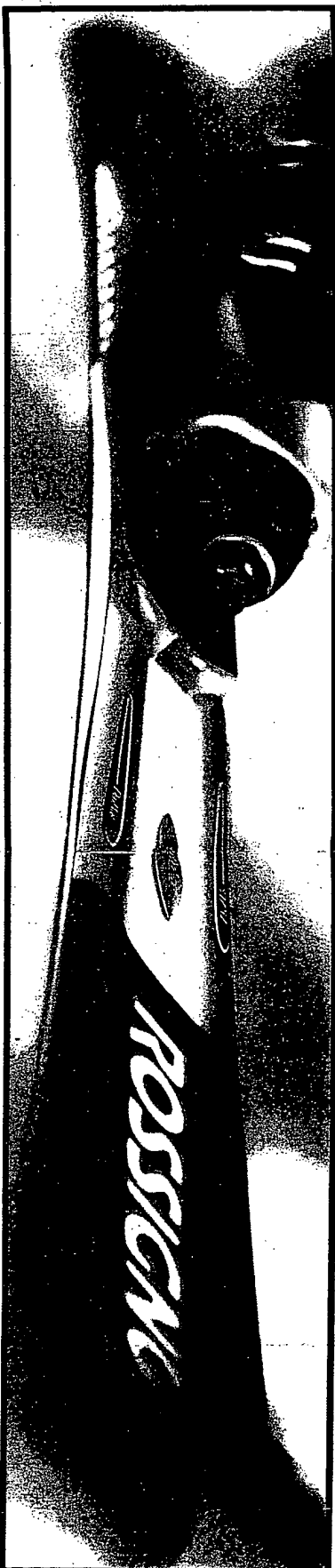
### POWERPULSION SYSTEM:

NEW: POWERPULSION SYSTEM  
FOR THE NEW SLALOM  
TECHNIQUE - HARD-DRIVING, SHORT,  
VERY FAST TURN SEQUENCES.

## BEST AVAILABLE COF

### POWERPULSION SLALOM

A new ski + interface + binding integration for short, stable skis  
The PowerPulsion system optimizes the contact areas by pushing the ends of the ski down onto the snow via the plate and the arms.  
This greatly improves the stability of skis in turns and boosts responsiveness and lineiness.  
In this system, the plate is an integral part of the ski structure. By centring the masses, integrated plates reduce ski swingweight to improve slider balance.  
Bearing directly down on ski sidewalls, the plate also guarantees absolutely precise, radical, power transmission. Works with Axial technology for shorter, easier-to-use skis.



### NEW DUATEC 2 TWO MAJOR INNOVATIONS

#### 1 - DUAL MATERIAL SIDEWALLS

- Behind the feet: slim, rigid sidewalls for:
- more direct energy transfers
  - better feel when exiting turns
  - maximum power
- In front of the feet: thick sidewalls made from comfortable, forgiving materials.
- easy, fun, turn initiation
  - better contact between the skis and the snow.

#### 2 - ACTIVATOR

The new slalom technique and smaller size skis often lead to loss of balance towards the rear. Located behind the interface, the ACTIVATOR is a visco-elastic zone which plays a decisive part in forwards / backwards skier balance. Entering a turn compresses the ACTIVATOR, like a spring. Leaving the turn, the point up energy is released to propel the skier forwards.

### AXIAL TECHNOLOGY

An essential component in the POWERPULSION system, POWER bindings get all the benefits of our new AXITEC development - the AXITEC, Oversize, AXITEC improves boot support and transfers energy towards the ski more precisely. Edge to edge pivoting is more effective and turn control is more accurate.

### THE NEW POWER RACE BOOTS

Thanks to their new Free Hinging structure, new POWER RACE boots are designed to work in total synergy with the POWERPULSION system.

• see technical explanations for boots p. 44-45

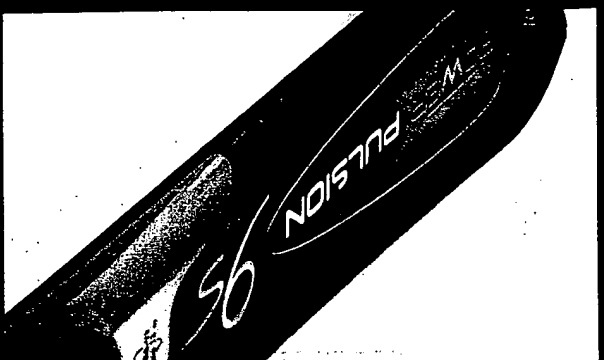
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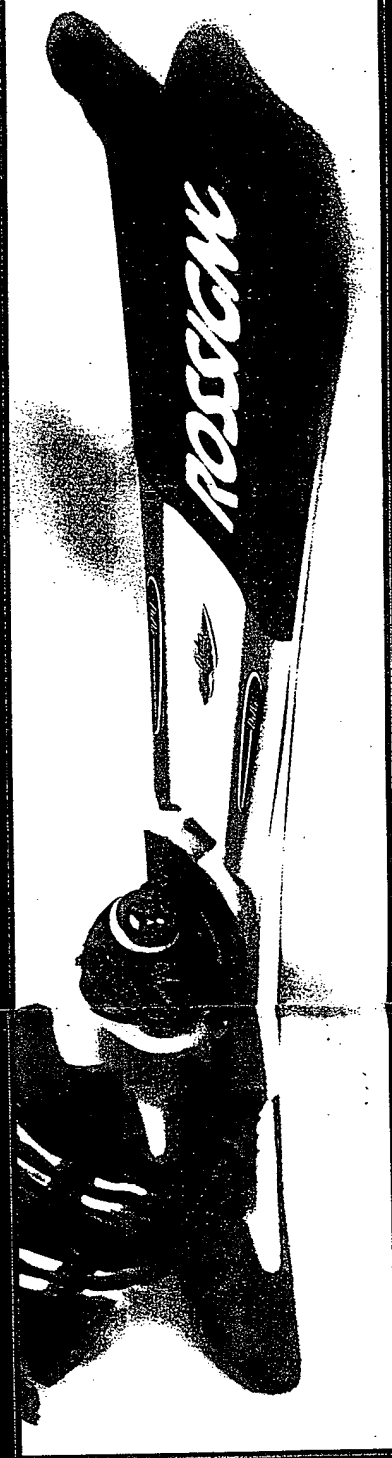
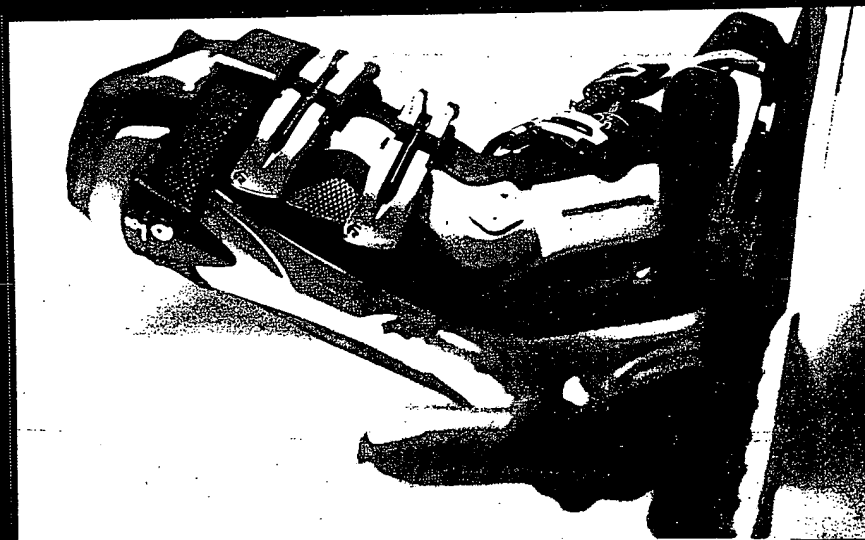
PISTE ALL ROAD FREE JUNIOR FOR WOMEN

RACE RPM BANDIT RACE SAPHIR  
VIPER WATTS SCRATCH ALL ROAD  
COBRA  
AXIUM





# GOLDEN



**GOLDEN SPIRIT: FOR AGGRESSIVENESS, STABILITY, BALANCE, AND CONTROL...**